Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 12 Aug 2023 until 23:59 on Sunday 13 Aug 2023

Forecast Issued on Friday 11 Aug 2023 at 14:23

Confidence: High for poor weather on Saturday, although with only moderate confidence in timing of the heaviest rain. Moderate confidence in Sunday and Monday, then higher for Tuesday and Wednesday as high pressure builds.

Headline for Saturday 12 Aug 2023: Cloudy and quite windy, with heavy rain at times.

Mountain weather hazards on Saturday 12 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Fog	Fog	Light rain	Heavy Rain	Heavy Rain	Light rain	Cloudy
Precipitation probability							
10%	10%	10%	30%	70%	70%	30%	10%

Forecast for Saturday 12 Aug 2023

Weather: Largely cloudy during the morning, with outbreaks of mainly light rain at times, becoming heavier and more persistent around the middle of the day, with a low risk of thunder. The odd brighter or sunnier spells is possible in the east. Rain will ease and become more intermittent during the evening, with scattered showers gradually fading away overnight.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Cloud bases around 400-500m at first, but should rise to clear the summits by late morning, briefly dipping again in heavier showers. Visibility mainly good, but moderate to poor in any heavier rain and very poor in low cloud covering the hills early on.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 12 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/27 SW	20/28 S	21/30 S	22/30 S	21/29 SW	22/30 SW	22/31 SW	21/30 SW	20/29 SW
300	14/23 SW	15/23 S	16/24 S	19/27 S	18/27 SW	18/26 SW	17/26 SW	16/25 SW	16/24 SW
Valley	8/21 SW	8/21 S	10/23 S	12/26 S	13/26 SW	12/26 SW	13/26 SW	10/23 SW	11/23 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	11/8	11/8	13/9	14/10	14/10	13/10	12/8	11/8
300	14/11	13/11	14/11	15/12	16/13	16/13	16/13	14/12	13/10
Valley	14/13	14/12	14/13	16/14	17/15	17/15	16/14	15/13	14/12
Freezing Level*	2000m	2400m	2500m	2700m	2700m	2800m	2600m	2500m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rain will make some paths wet and slippery, with some watercourses becoming swollen as the day progresses. Low cloud means good navigation skills will be required at first.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 11 Aug 2023	0mm	0mm	0mm

Forecast for Sunday 13 Aug 2023

Weather: Rather cloudy at times, but some sunny spells are likely, particularly during the afternoon. Occasional showers, particularly during the afternoon, heavy in places. Cloud will increase early evening, with rain arriving later for overnight.

Maximum wind: Southwesterly 15-20mph gusting 30mph

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Areas of cloud base around 400-500m at first, rising during the morning to clear the summits by midday. Visibility generally good, but moderate to poor in showers and very poor in cloud covering hills at first.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 18 Celsius
At 600m: Plus 9 Celsius rising to Plus 15 Celsius
Freezing level: Above the summits

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